Dividing Fractions (A)

Find the value of each expression in lowest terms.

1. $\frac{5}{2} \div \frac{5}{6} \div 1\frac{1}{4}$

2. $\frac{13}{8} \div 1\frac{1}{6} \div \frac{6}{5}$

3. $\frac{13}{10} \div \frac{7}{3} \div 1\frac{1}{5}$

4. $\frac{13}{2} \div 1\frac{1}{5} \div \frac{5}{2}$

5. $\frac{1}{4} \div 3\frac{1}{3} \div \frac{13}{10}$

6. $\frac{5}{6} \div \frac{5}{3} \div 4\frac{2}{3}$

7. $\frac{4}{7} \div \left(1\frac{2}{3} \div \frac{1}{2}\right)$

8. $\frac{17}{4} \div \left(\frac{17}{10} \div \frac{2}{3}\right)$

9. $1\frac{3}{8} \div \frac{1}{6} \div \frac{1}{2}$

Dividing Fractions (A) Answers

Find the value of each expression in lowest terms.

1. $\frac{5}{2} \div \frac{5}{6} \div 1\frac{1}{4}$
$= \frac{12}{5} = 2\frac{2}{5}$

2. $\frac{13}{8} \div 1\frac{1}{6} \div \frac{6}{5}$
$= \frac{65}{56} = 1\frac{9}{56}$

3. $\frac{13}{10} \div \frac{7}{3} \div 1\frac{1}{5}$
$= \frac{13}{28}$

4. $\frac{13}{2} \div 1\frac{1}{5} \div \frac{5}{2}$
$= \frac{13}{6} = 2\frac{1}{6}$

5. $\frac{1}{4} \div 3\frac{1}{3} \div \frac{13}{10}$
$= \frac{3}{52}$

6. $\frac{5}{6} \div \frac{5}{3} \div 4\frac{2}{3}$
$= \frac{3}{28}$

7. $\frac{4}{7} \div \left(1\frac{2}{3} \div \frac{1}{2}\right)$
$= \frac{6}{35}$

8. $\frac{17}{4} \div \left(\frac{17}{10} \div \frac{2}{3}\right)$
$= \frac{5}{3} = 1\frac{2}{3}$

9. $1\frac{3}{8} \div \frac{1}{6} \div \frac{1}{2}$
$= \frac{33}{2} = 16\frac{1}{2}$

Dividing Fractions (B)

Find the value of each expression in lowest terms.

1. $\frac{16}{9} \div \left(1\frac{7}{10} \div 2\frac{5}{6}\right)$

2. $\frac{11}{4} \div \left(\frac{1}{3} \div \frac{5}{2}\right)$

3. $\frac{17}{4} \div 2\frac{2}{5} \div \frac{5}{9}$

4. $2\frac{1}{2} \div \left(\frac{15}{2} \div \frac{9}{5}\right)$

5. $1\frac{1}{4} \div \frac{8}{9} \div 3\frac{3}{5}$

6. $\frac{9}{7} \div \frac{7}{5} \div \frac{1}{7}$

7. $\frac{5}{7} \div \left(1\frac{1}{4} \div \frac{2}{5}\right)$

8. $1\frac{2}{5} \div \left(\frac{7}{3} \div 1\frac{5}{8}\right)$

9. $\frac{5}{3} \div \left(1\frac{1}{4} \div 1\frac{2}{3}\right)$

Dividing Fractions (B) Answers

Find the value of each expression in lowest terms.

1. $\frac{16}{9} \div \left(1\frac{7}{10} \div 2\frac{5}{6}\right)$
$= \frac{80}{27} = 2\frac{26}{27}$

2. $\frac{11}{4} \div \left(\frac{1}{3} \div \frac{5}{2}\right)$
$= \frac{165}{8} = 20\frac{5}{8}$

3. $\frac{17}{4} \div 2\frac{2}{5} \div \frac{5}{9}$
$= \frac{51}{16} = 3\frac{3}{16}$

4. $2\frac{1}{2} \div \left(\frac{15}{2} \div \frac{9}{5}\right)$
$= \frac{3}{5}$

5. $1\frac{1}{4} \div \frac{8}{9} \div 3\frac{3}{5}$
$= \frac{25}{64}$

6. $\frac{9}{7} \div \frac{7}{5} \div \frac{1}{7}$
$= \frac{45}{7} = 6\frac{3}{7}$

7. $\frac{5}{7} \div \left(1\frac{1}{4} \div \frac{2}{5}\right)$
$= \frac{8}{35}$

8. $1\frac{2}{5} \div \left(\frac{7}{3} \div 1\frac{5}{8}\right)$
$= \frac{39}{40}$

9. $\frac{5}{3} \div \left(1\frac{1}{4} \div 1\frac{2}{3}\right)$
$= \frac{20}{9} = 2\frac{2}{9}$

Dividing Fractions (C)

Find the value of each expression in lowest terms.

1. $2\frac{3}{5} \div \left(\frac{9}{4} \div \frac{5}{8}\right)$

2. $\frac{1}{5} \div \left(1\frac{3}{8} \div \frac{11}{6}\right)$

3. $\frac{8}{9} \div \frac{5}{2} \div \frac{7}{10}$

4. $\frac{4}{3} \div \frac{9}{10} \div \frac{7}{9}$

5. $\frac{2}{9} \div \frac{2}{3} \div 2\frac{6}{7}$

6. $\frac{1}{2} \div \left(\frac{5}{7} \div 1\frac{1}{2}\right)$

7. $\frac{1}{6} \div \left(2\frac{6}{7} \div \frac{3}{2}\right)$

8. $\frac{15}{8} \div \left(\frac{18}{5} \div \frac{2}{5}\right)$

9. $\frac{5}{7} \div \left(\frac{8}{9} \div \frac{2}{3}\right)$

Dividing Fractions (C) Answers

Find the value of each expression in lowest terms.

1. $2\frac{3}{5} \div \left(\frac{9}{4} \div \frac{5}{8}\right)$
$= \frac{13}{18}$

2. $\frac{1}{5} \div \left(1\frac{3}{8} \div \frac{11}{6}\right)$
$= \frac{4}{15}$

3. $\frac{8}{9} \div \frac{5}{2} \div \frac{7}{10}$
$= \frac{32}{63}$

4. $\frac{4}{3} \div \frac{9}{10} \div \frac{7}{9}$
$= \frac{40}{21} = 1\frac{19}{21}$

5. $\frac{2}{9} \div \frac{2}{3} \div 2\frac{6}{7}$
$= \frac{7}{60}$

6. $\frac{1}{2} \div \left(\frac{5}{7} \div 1\frac{1}{2}\right)$
$= \frac{21}{20} = 1\frac{1}{20}$

7. $\frac{1}{6} \div \left(2\frac{6}{7} \div \frac{3}{2}\right)$
$= \frac{7}{80}$

8. $\frac{15}{8} \div \left(\frac{18}{5} \div \frac{2}{5}\right)$
$= \frac{5}{24}$

9. $\frac{5}{7} \div \left(\frac{8}{9} \div \frac{2}{3}\right)$
$= \frac{15}{28}$

Dividing Fractions (D)

Find the value of each expression in lowest terms.

1. $\frac{5}{3} \div \left(\frac{4}{7} \div \frac{18}{7} \right)$

2. $\frac{7}{8} \div 1\frac{3}{5} \div \frac{5}{4}$

3. $\frac{11}{4} \div \left(\frac{19}{4} \div \frac{5}{3} \right)$

4. $\frac{1}{4} \div \frac{19}{9} \div \frac{5}{8}$

5. $1\frac{7}{9} \div \frac{1}{2} \div 2\frac{1}{2}$

6. $3\frac{1}{5} \div \left(5\frac{2}{3} \div 2\frac{1}{4} \right)$

7. $\frac{1}{2} \div \frac{1}{4} \div \frac{7}{5}$

8. $\frac{1}{2} \div \frac{4}{5} \div \frac{10}{3}$

9. $\frac{2}{9} \div \left(1\frac{4}{5} \div \frac{18}{5} \right)$

Dividing Fractions (D) Answers

Find the value of each expression in lowest terms.

1. $\frac{5}{3} \div \left(\frac{4}{7} \div \frac{18}{7} \right)$
$= \frac{15}{2} = 7\frac{1}{2}$

2. $\frac{7}{8} \div 1\frac{3}{5} \div \frac{5}{4}$
$= \frac{7}{16}$

3. $\frac{11}{4} \div \left(\frac{19}{4} \div \frac{5}{3} \right)$
$= \frac{55}{57}$

4. $\frac{1}{4} \div \frac{19}{9} \div \frac{5}{8}$
$= \frac{18}{95}$

5. $1\frac{7}{9} \div \frac{1}{2} \div 2\frac{1}{2}$
$= \frac{64}{45} = 1\frac{19}{45}$

6. $3\frac{1}{5} \div \left(5\frac{2}{3} \div 2\frac{1}{4} \right)$
$= \frac{108}{85} = 1\frac{23}{85}$

7. $\frac{1}{2} \div \frac{1}{4} \div \frac{7}{5}$
$= \frac{10}{7} = 1\frac{3}{7}$

8. $\frac{1}{2} \div \frac{4}{5} \div \frac{10}{3}$
$= \frac{3}{16}$

9. $\frac{2}{9} \div \left(1\frac{4}{5} \div \frac{18}{5} \right)$
$= \frac{4}{9}$

Dividing Fractions (E)

Find the value of each expression in lowest terms.

1. $1\frac{1}{9} \div \left(\frac{3}{4} \div \frac{1}{6}\right)$

2. $\frac{4}{7} \div \left(\frac{4}{3} \div \frac{6}{7}\right)$

3. $\frac{1}{2} \div \left(\frac{1}{5} \div \frac{1}{5}\right)$

4. $1\frac{7}{10} \div \left(4\frac{1}{3} \div \frac{13}{2}\right)$

5. $\frac{11}{7} \div \left(1\frac{5}{9} \div \frac{20}{9}\right)$

6. $\frac{5}{7} \div \frac{13}{8} \div \frac{3}{7}$

7. $2\frac{1}{7} \div \left(1\frac{1}{2} \div \frac{1}{2}\right)$

8. $\frac{2}{7} \div \frac{5}{2} \div \frac{5}{7}$

9. $\frac{3}{4} \div \frac{1}{5} \div \frac{11}{6}$

Dividing Fractions (E) Answers

Find the value of each expression in lowest terms.

1. $1\frac{1}{9} \div \left(\frac{3}{4} \div \frac{1}{6}\right)$
$= \frac{20}{81}$

2. $\frac{4}{7} \div \left(\frac{4}{3} \div \frac{6}{7}\right)$
$= \frac{18}{49}$

3. $\frac{1}{2} \div \left(\frac{1}{5} \div \frac{1}{5}\right)$
$= \frac{1}{2}$

4. $1\frac{7}{10} \div \left(4\frac{1}{3} \div \frac{13}{2}\right)$
$= \frac{51}{20} = 2\frac{11}{20}$

5. $\frac{11}{7} \div \left(1\frac{5}{9} \div \frac{20}{9}\right)$
$= \frac{110}{49} = 2\frac{12}{49}$

6. $\frac{5}{7} \div \frac{13}{8} \div \frac{3}{7}$
$= \frac{40}{39} = 1\frac{1}{39}$

7. $2\frac{1}{7} \div \left(1\frac{1}{2} \div \frac{1}{2}\right)$
$= \frac{5}{7}$

8. $\frac{2}{7} \div \frac{5}{2} \div \frac{5}{7}$
$= \frac{4}{25}$

9. $\frac{3}{4} \div \frac{1}{5} \div \frac{11}{6}$
$= \frac{45}{22} = 2\frac{1}{22}$

Dividing Fractions (F)

Find the value of each expression in lowest terms.

1. $\frac{13}{10} \div \frac{1}{4} \div \frac{14}{5}$

2. $\frac{7}{3} \div \left(\frac{11}{4} \div 1\frac{6}{7} \right)$

3. $1\frac{3}{4} \div \frac{3}{2} \div \frac{7}{5}$

4. $1\frac{7}{8} \div 1\frac{7}{8} \div 4\frac{1}{4}$

5. $4\frac{1}{2} \div \frac{7}{3} \div \frac{1}{2}$

6. $\frac{9}{2} \div \left(\frac{3}{10} \div \frac{5}{9} \right)$

7. $\frac{10}{9} \div \frac{7}{9} \div \frac{3}{4}$

8. $\frac{2}{3} \div 2\frac{1}{4} \div \frac{10}{3}$

9. $\frac{3}{10} \div \left(\frac{4}{5} \div \frac{13}{4} \right)$

Dividing Fractions (F) Answers

Find the value of each expression in lowest terms.

1. $\frac{13}{10} \div \frac{1}{4} \div \frac{14}{5}$
$= \frac{13}{7} = 1\frac{6}{7}$

2. $\frac{7}{3} \div \left(\frac{11}{4} \div 1\frac{6}{7}\right)$
$= \frac{52}{33} = 1\frac{19}{33}$

3. $1\frac{3}{4} \div \frac{3}{2} \div \frac{7}{5}$
$= \frac{5}{6}$

4. $1\frac{7}{8} \div 1\frac{7}{8} \div 4\frac{1}{4}$
$= \frac{4}{17}$

5. $4\frac{1}{2} \div \frac{7}{3} \div \frac{1}{2}$
$= \frac{27}{7} = 3\frac{6}{7}$

6. $\frac{9}{2} \div \left(\frac{3}{10} \div \frac{5}{9}\right)$
$= \frac{25}{3} = 8\frac{1}{3}$

7. $\frac{10}{9} \div \frac{7}{9} \div \frac{3}{4}$
$= \frac{40}{21} = 1\frac{19}{21}$

8. $\frac{2}{3} \div 2\frac{1}{4} \div \frac{10}{3}$
$= \frac{4}{45}$

9. $\frac{3}{10} \div \left(\frac{4}{5} \div \frac{13}{4}\right)$
$= \frac{39}{32} = 1\frac{7}{32}$

Dividing Fractions (G)

Find the value of each expression in lowest terms.

1. $\frac{3}{4} \div \frac{1}{3} \div \frac{3}{10}$

2. $2\frac{1}{6} \div \frac{3}{4} \div 1\frac{3}{4}$

3. $\frac{1}{4} \div \left(\frac{11}{9} \div 3\frac{2}{3}\right)$

4. $\frac{16}{7} \div \left(2\frac{1}{6} \div \frac{1}{2}\right)$

5. $1\frac{2}{3} \div \left(\frac{5}{8} \div \frac{7}{3}\right)$

6. $2\frac{1}{5} \div 1\frac{2}{9} \div 1\frac{3}{5}$

7. $1\frac{4}{5} \div \left(\frac{15}{2} \div \frac{13}{9}\right)$

8. $\frac{15}{2} \div \left(\frac{15}{2} \div \frac{1}{10}\right)$

9. $\frac{3}{10} \div 3\frac{2}{5} \div \frac{1}{3}$

Dividing Fractions (G) Answers

Find the value of each expression in lowest terms.

1. $\frac{3}{4} \div \frac{1}{3} \div \frac{3}{10}$
$= \frac{15}{2} = 7\frac{1}{2}$

2. $2\frac{1}{6} \div \frac{3}{4} \div 1\frac{3}{4}$
$= \frac{104}{63} = 1\frac{41}{63}$

3. $\frac{1}{4} \div \left(\frac{11}{9} \div 3\frac{2}{3}\right)$
$= \frac{3}{4}$

4. $\frac{16}{7} \div \left(2\frac{1}{6} \div \frac{1}{2}\right)$
$= \frac{48}{91}$

5. $1\frac{2}{3} \div \left(\frac{5}{8} \div \frac{7}{3}\right)$
$= \frac{56}{9} = 6\frac{2}{9}$

6. $2\frac{1}{5} \div 1\frac{2}{9} \div 1\frac{3}{5}$
$= \frac{9}{8} = 1\frac{1}{8}$

7. $1\frac{4}{5} \div \left(\frac{15}{2} \div \frac{13}{9}\right)$
$= \frac{26}{75}$

8. $\frac{15}{2} \div \left(\frac{15}{2} \div \frac{1}{10}\right)$
$= \frac{1}{10}$

9. $\frac{3}{10} \div 3\frac{2}{5} \div \frac{1}{3}$
$= \frac{9}{34}$

Dividing Fractions (H)

Find the value of each expression in lowest terms.

1. $1\frac{7}{10} \div \frac{4}{5} \div \frac{6}{7}$

2. $\frac{20}{7} \div \frac{9}{2} \div \frac{2}{5}$

3. $2\frac{1}{3} \div \frac{1}{4} \div \frac{2}{3}$

4. $\frac{6}{7} \div \left(2\frac{2}{5} \div \frac{1}{10}\right)$

5. $\frac{17}{2} \div \left(6\frac{2}{3} \div 1\frac{1}{4}\right)$

6. $9\frac{1}{2} \div \frac{5}{2} \div \frac{15}{7}$

7. $\frac{1}{2} \div 1\frac{1}{2} \div \frac{2}{3}$

8. $\frac{2}{5} \div \left(\frac{4}{3} \div \frac{19}{6}\right)$

9. $\frac{3}{5} \div \frac{3}{7} \div \frac{3}{8}$

Dividing Fractions (H) Answers

Find the value of each expression in lowest terms.

1. $1\frac{7}{10} \div \frac{4}{5} \div \frac{6}{7}$
$= \frac{119}{48} = 2\frac{23}{48}$

2. $\frac{20}{7} \div \frac{9}{2} \div \frac{2}{5}$
$= \frac{100}{63} = 1\frac{37}{63}$

3. $2\frac{1}{3} \div \frac{1}{4} \div \frac{2}{3}$
$= 14$

4. $\frac{6}{7} \div \left(2\frac{2}{5} \div \frac{1}{10}\right)$
$= \frac{1}{28}$

5. $\frac{17}{2} \div \left(6\frac{2}{3} \div 1\frac{1}{4}\right)$
$= \frac{51}{32} = 1\frac{19}{32}$

6. $9\frac{1}{2} \div \frac{5}{2} \div \frac{15}{7}$
$= \frac{133}{75} = 1\frac{58}{75}$

7. $\frac{1}{2} \div 1\frac{1}{2} \div \frac{2}{3}$
$= \frac{1}{2}$

8. $\frac{2}{5} \div \left(\frac{4}{3} \div \frac{19}{6}\right)$
$= \frac{19}{20}$

9. $\frac{3}{5} \div \frac{3}{7} \div \frac{3}{8}$
$= \frac{56}{15} = 3\frac{11}{15}$

Dividing Fractions (I)

Find the value of each expression in lowest terms.

1. $\frac{3}{4} \div \left(\frac{3}{4} \div 1\frac{2}{3} \right)$

2. $\frac{4}{5} \div \frac{7}{10} \div \frac{5}{2}$

3. $\frac{5}{2} \div \frac{8}{3} \div \frac{6}{7}$

4. $\frac{2}{5} \div 1\frac{3}{10} \div 2\frac{2}{9}$

5. $\frac{10}{3} \div \frac{1}{2} \div \frac{4}{7}$

6. $\frac{19}{3} \div \left(2\frac{5}{6} \div 3\frac{2}{5} \right)$

7. $\frac{10}{3} \div \left(\frac{1}{7} \div \frac{4}{5} \right)$

8. $\frac{17}{3} \div \frac{5}{4} \div \frac{1}{3}$

9. $\frac{5}{2} \div 1\frac{5}{6} \div \frac{1}{2}$

Dividing Fractions (I) Answers

Find the value of each expression in lowest terms.

1. $\frac{3}{4} \div \left(\frac{3}{4} \div 1\frac{2}{3} \right)$
$= \frac{5}{3} = 1\frac{2}{3}$

2. $\frac{4}{5} \div \frac{7}{10} \div \frac{5}{2}$
$= \frac{16}{35}$

3. $\frac{5}{2} \div \frac{8}{3} \div \frac{6}{7}$
$= \frac{35}{32} = 1\frac{3}{32}$

4. $\frac{2}{5} \div 1\frac{3}{10} \div 2\frac{2}{9}$
$= \frac{9}{65}$

5. $\frac{10}{3} \div \frac{1}{2} \div \frac{4}{7}$
$= \frac{35}{3} = 11\frac{2}{3}$

6. $\frac{19}{3} \div \left(2\frac{5}{6} \div 3\frac{2}{5} \right)$
$= \frac{38}{5} = 7\frac{3}{5}$

7. $\frac{10}{3} \div \left(\frac{1}{7} \div \frac{4}{5} \right)$
$= \frac{56}{3} = 18\frac{2}{3}$

8. $\frac{17}{3} \div \frac{5}{4} \div \frac{1}{3}$
$= \frac{68}{5} = 13\frac{3}{5}$

9. $\frac{5}{2} \div 1\frac{5}{6} \div \frac{1}{2}$
$= \frac{30}{11} = 2\frac{8}{11}$

Dividing Fractions (J)

Find the value of each expression in lowest terms.

1. $1\frac{8}{9} \div \frac{2}{3} \div \frac{13}{7}$

2. $\frac{14}{3} \div \frac{1}{10} \div \frac{7}{5}$

3. $\frac{5}{3} \div \left(2\frac{2}{3} \div 1\frac{2}{5}\right)$

4. $\frac{8}{5} \div 3\frac{1}{6} \div \frac{2}{3}$

5. $\frac{5}{3} \div \frac{1}{4} \div 2\frac{2}{3}$

6. $\frac{15}{8} \div \left(\frac{5}{9} \div \frac{13}{3}\right)$

7. $\frac{1}{4} \div \left(\frac{1}{2} \div \frac{5}{6}\right)$

8. $\frac{5}{8} \div \left(2\frac{1}{8} \div 1\frac{4}{5}\right)$

9. $\frac{3}{7} \div \left(\frac{1}{4} \div \frac{19}{3}\right)$

Dividing Fractions (J) Answers

Find the value of each expression in lowest terms.

1. $1\frac{8}{9} \div \frac{2}{3} \div \frac{13}{7}$
$= \frac{119}{78} = 1\frac{41}{78}$

2. $\frac{14}{3} \div \frac{1}{10} \div \frac{7}{5}$
$= \frac{100}{3} = 33\frac{1}{3}$

3. $\frac{5}{3} \div \left(2\frac{2}{3} \div 1\frac{2}{5}\right)$
$= \frac{7}{8}$

4. $\frac{8}{5} \div 3\frac{1}{6} \div \frac{2}{3}$
$= \frac{72}{95}$

5. $\frac{5}{3} \div \frac{1}{4} \div 2\frac{2}{3}$
$= \frac{5}{2} = 2\frac{1}{2}$

6. $\frac{15}{8} \div \left(\frac{5}{9} \div \frac{13}{3}\right)$
$= \frac{117}{8} = 14\frac{5}{8}$

7. $\frac{1}{4} \div \left(\frac{1}{2} \div \frac{5}{6}\right)$
$= \frac{5}{12}$

8. $\frac{5}{8} \div \left(2\frac{1}{8} \div 1\frac{4}{5}\right)$
$= \frac{9}{17}$

9. $\frac{3}{7} \div \left(\frac{1}{4} \div \frac{19}{3}\right)$
$= \frac{76}{7} = 10\frac{6}{7}$